UBL: The Universal Business Language

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XML Web Services Standards Architect

Java Web Services

Sun microsystems
We make the net work.

The Universal Business Language

- Defines a library of standard electronic business documents.

- Plugs directly into existing traditional business, legal, and records management practices.

- Eliminates re-keying of data in existing manual supply chains.

- Becomes the payload for B2B frameworks like UN/CEFACT and other business web services schemes.
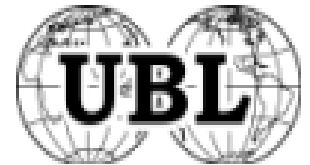
Advantages of a Single Business Format

The Universal Business Language

- ## Advantages of a single business format
  - Lower cost of integration through reuse of common data structures
  - Lower cost of commercial software
  - Easier learning curve
  - Lower cost of entry to encourage small- and medium-business adoption (SME)
  - Standardized training, more skilled workers
  - Universally available pool of system integrators

Projects and Deliverables

- Naming and design rules
  - In completion stages
- Library of reusable data components
  - v 0.80 release to targeted review of RosettaNet and OASIS eGovernment TC in June 2003
- Basic business documents – v 0.80
- Supplementary materials
  - Spreadsheets, UML diagrams, and ASN.1 representation for v 0.70
  - Stylesheets for UN Layout Key
- Context methodology – Phase 2

Industry Sectors

- UBL Liaisons
  - ACORD (insurance)   - ARTS (retail)
  - ebXML Asia Comte. UK)   - e.Centre (EAN
  - EIDX (electronics) care)   - HL7 (health
  - NACS (convenience)   - RosettaNet (IT)
  - SWIFT (banking)   - UIG (utilities)
  - VCA (optical supplies)   - XBRL (accounting)
  - ASC X12 COTG   - OASIS eGov
  - CEFACT ATG/TBG   - OASIS CIQ TC
  - Info Techn Std Comte Singapore

Industry Sectors

- ## UBL Participants

  - APACS   - LMI
  - Aeon Consulting   - Northrop Grumman
  - ACORD   - Ontogenics
  - Boeing   - Oracle
  - Commerce One   - Pricewaterhouse Coopers
  - Danish Bankers Association   - SAP
  - France Telecom   - SeeBeyond
  - Electronic Commerce Council   - Sterling Commerce
       Of Japan
  - General Electric   - Sun Microsystems
  - Government of Hong Kong   - UK Cabinet Office
  - Government of Korea   - United Parcel Service

Observations

- ## Focus on results

    Optimize, optimize, optimize – Use core competencies.
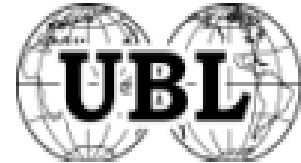
- ## Semantic interoperability

    Find common ground

    Semantic content: Based on CCTS 1.9

    Context rules/methodology

    Naming and design rules

- ## Marketplace pressure

    From business: Provide business value.

    To business: Understand the value offered.

- ## Areas of opportunity

    Message (envelope), semantic content, and

    choreography definition structure

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OASIS UBL TC:
http://www.oasis-open.org/committees/ubl/